

MOLECULAR FOUNDRY: DATA MANAGEMENT STATEMENT

Current Data Management Resources, Practices and Policy at the Molecular Foundry

If you propose to use facilities or resources at the Molecular Foundry, please be aware of the following information, either for inclusion in your Molecular Foundry User Proposal or an associated request for DOE funds leveraging Molecular Foundry resources, which will need to contain a Data Management Plan.

Currently, all Molecular Foundry Users are responsible for their own Data Management associated with their approved and active User Projects. If you have questions regarding our Data Management policy, you are encouraged to contact the User Program Manager (foundry@lbl.gov) and/or your User Project's Assigned Staff Scientist.

Resources: Users are free to use personal mass storage devices, laptops, tablets, cell phones and lab notebooks for data storage and eventual transfer to their home institution. Foundry facility-based access to cloud storage and backup is available to Users, in some cases for a nominal fee (e.g., Google Drive, Dropbox, Carbonite). Data stored in the cloud can be shared by standard means. For user work performed on instruments within our facilities, Users must transfer data first to a file server or local storage device or else request the transfer via TMF staff. Software for data analysis is available on local computer desktops in-house; users are free to utilize their own provided resources. Computational resources exist and follow LBNL standard practice for temporary storage of User data files backup for the duration of their projects.

Practices: For specific instruments in most facilities, staff-originated data back-ups occur regularly; files transferred to institutional storage (file servers) are backed up daily, but Users are generally responsible for their own data preservation. User data is only preserved during the project lifetime and no guarantees are provided once the project ends, although some facilities maintain data long term/indefinitely. Access to data is associated with the status of a User Project and once terminated data access and preservation rights may be lost. All data generated on collaborative non-proprietary user projects funded by DOE and referenced, utilized or included in subsequent publications is expected to be made public upon request.

Policy: All data generated on a Foundry collaborative project is jointly owned by both users and LBNL unless otherwise defined in executed User Agreement documents. Data generated on non-collaborative projects may be owned exclusively by the Users. No restrictions on file formats due to heterogeneity currently exist.